

# UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE X WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/abd. \_\_\_\_\_

7-21-78 Location Abandoned; well never drilled  
11-30-76 Location Change Approved - SW (topographical exp.)

DATE FILED 11-26-76

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO. U-1065

INDIAN

DRILLING APPROVED: 11-26-76

(Rule C-3(c))

SPUDDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: 7-21-78 - Location Abandoned

FIELD: West Bar X 3/86 Wildcat

UNIT:

COUNTY: Grand

WELL NO. Hancock Gov't. No. 60

API NO: 43-019-30330

LOCATION 608 ~~15~~

FT. FROM (N) ~~XX~~ LINE. 441 ~~925~~

FT. FROM ~~XX~~ LINE.

~~SE NW NW~~ 1/4 - 1/4 SEC. 29

NENE NE!

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
17S	25E	30	BURTON W. HANCOCK				

Lease Cancelled - Well Never Drilled  
7/21/78 USGS

FILE NOTATIONS	
Entered in NID File	<input checked="" type="checkbox"/>
Entered On S R Sheet	<input type="checkbox"/>
Location Map Pinned	<input checked="" type="checkbox"/>
Card Indexed	<input type="checkbox"/>
I W R for State or Fee Land	<input type="checkbox"/>
COMPLETION DATA:	
Date Well Completed	<input type="text"/>
OW <input type="text"/> WW <input type="text"/> TA <input type="text"/>	
GW <input type="text"/> OS <input type="text"/> PA <input type="text"/>	
LOGS FILED	
Driller's Log	<input type="text"/>
Electric Logs (No. )	<input type="text"/>
E <input type="text"/> I <input type="text"/> E-I <input type="text"/> GR <input type="text"/> GR-N <input type="text"/> Micro <input type="text"/>	
Lat <input type="text"/> Mi-L <input type="text"/> Sonic <input type="text"/> Others <input type="text"/>	
Checked by Chief	<input type="text"/>
Copy NID to Field Office	<input type="text"/>
Approval Letter	<input type="text"/>
Disapproval Letter	<input type="text"/>
Location Inspected	<input type="text"/>
Bond released	<input type="text"/>
State of Fee Land	<input type="text"/>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Burton W. Hancock

## 3. ADDRESS OF OPERATOR

1799 Hamilton Avenue, San Jose, California 95125

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

Sec. 29, 990.0 Ft. E.W.L., 735.0 Ft. S.N.L., T17S, R25E, S.L.B. &amp; M.

At proposed prod. zone

Dakota

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

19 1/2 miles southeast of Mack, Colorado

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

330'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

Approx (m)

## 16. NO. OF ACRES IN LEASE

1276.07  
64017. NO. OF ACRES ASSIGNED  
TO THIS WELL

## 19. PROPOSED DEPTH

3600'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5397.2' Grand

## 22. APPROX. DATE WORK WILL START\*

Nov 30<sup>th</sup> 1976

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/8"	7"	17#	150'	100%
6 1/4"	4 1/2"	9 1/2#	3600'	100%

Schaffer blow out preventors will be used with blind rams and pipe rams. This equipment is all automatically controlled. Cement between the 4 1/2" casing and the hole will be filled to 100 foot above the uppermost hydrocarbons zones in all areas. All road work and rehabilitation work will be coordinated with the B.L.M. office in Moab, Utah.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Burton W. HancockTITLE OperatorDATE Nov 5<sup>th</sup> 1976

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_

TITLE

ACTING DISTRICT ENGINEER

DATE NOV 30 1976

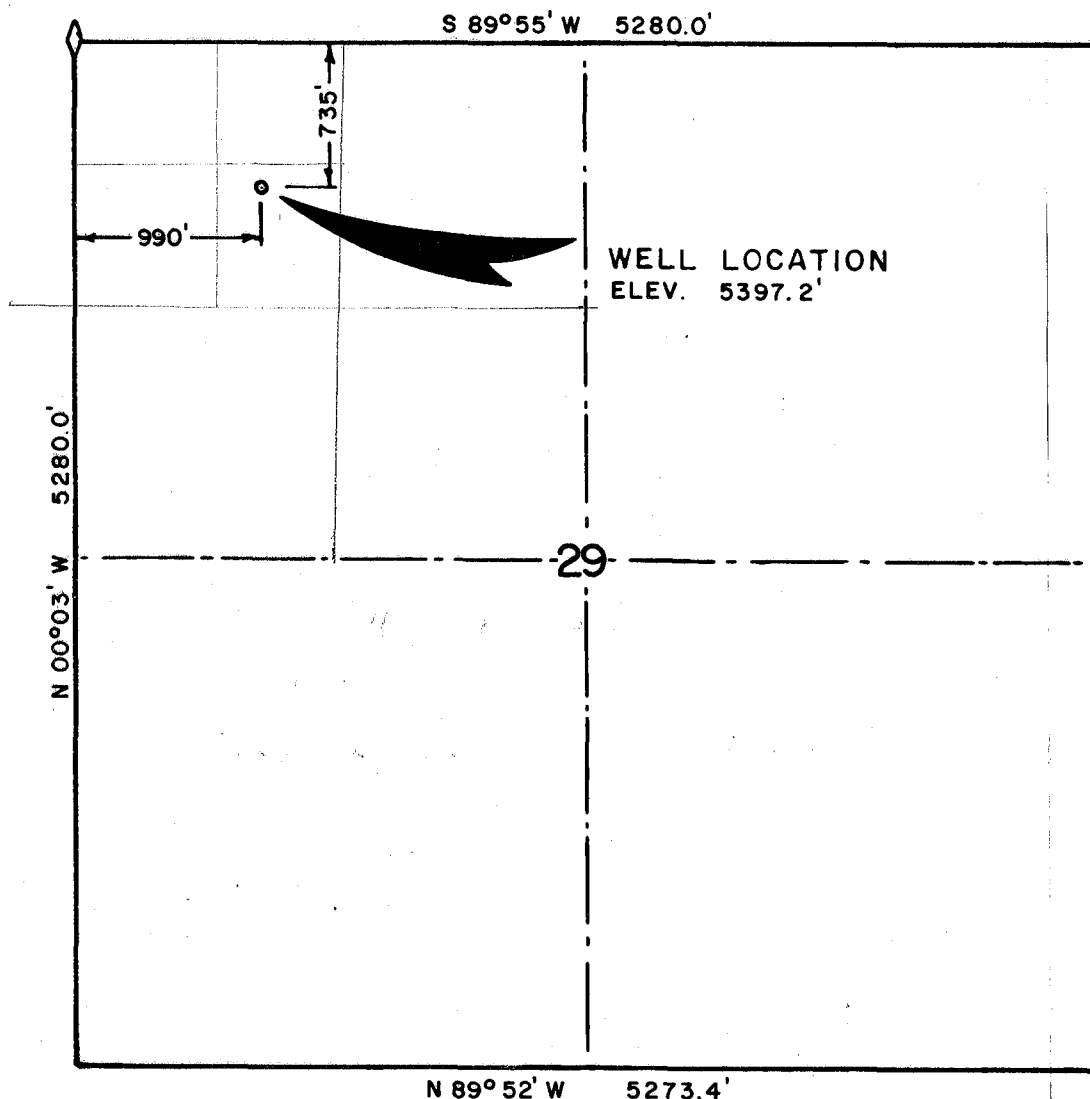
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

Approval Notice - UTAH STATE OIL-GAS-M

# WELL LOCATION

735 FT. S.N.L. — 990 FT. E.W.L.  
SECTION 29, T17 S, R 25 E, S.L.B. & M.  
GRAND COUNTY, UTAH



Scale 1" = 1000'

R.P.	100 FT. EAST	ELEV.	5400.0
R.P.	200 FT. EAST	ELEV.	5399.5
R.P.	50 FT. SOUTH	ELEV.	5396.8
R.P.	100 FT. WEST	ELEV.	5393.1
R.P.	75 FT. NORTH	ELEV.	5393.0

*Note:*

*Operator has posted additional R.P. stakes 200' distant from proposed well site in each of these directions SW & NW*

I, David L. Bear do hereby certify that this plat was plotted from notes of a field survey made under my direct responsibility, supervision and checking on Nov. 4, 1976.

*David L. Bear*  
Registered Land Surveyor

WESTERN ENGINEERS, INC.  
WELL LOCATION

HANCOCK 60

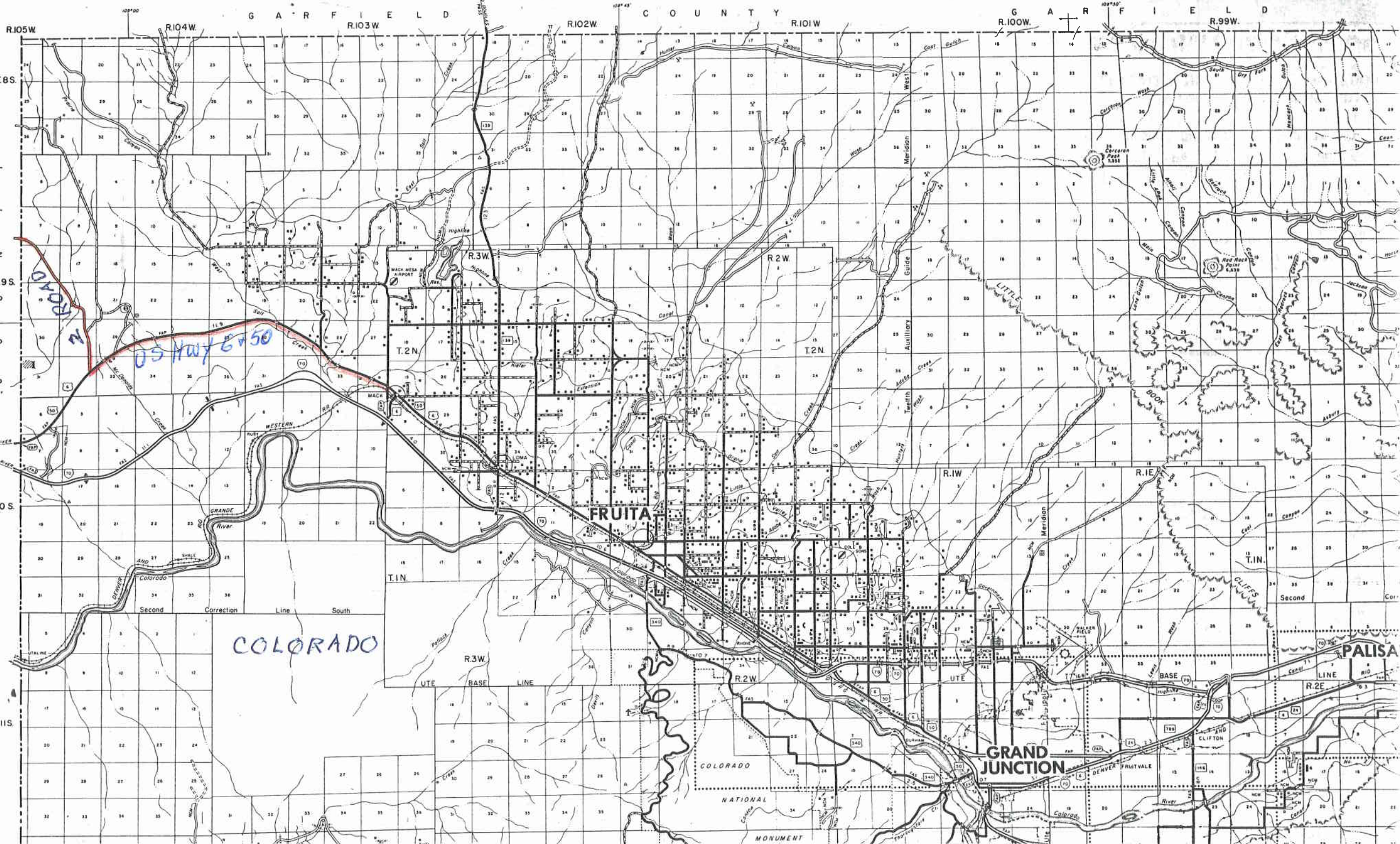
GRAND COUNTY, UTAH

SURVEYED C.J.B. DRAWN R.W.Q.

GRAND JUNCTION, COLO. 11/5/76



UTAH  
T8S  
T9S  
T10S  
T11S  
C  
O  
L  
O  
R  
A  
D  
O

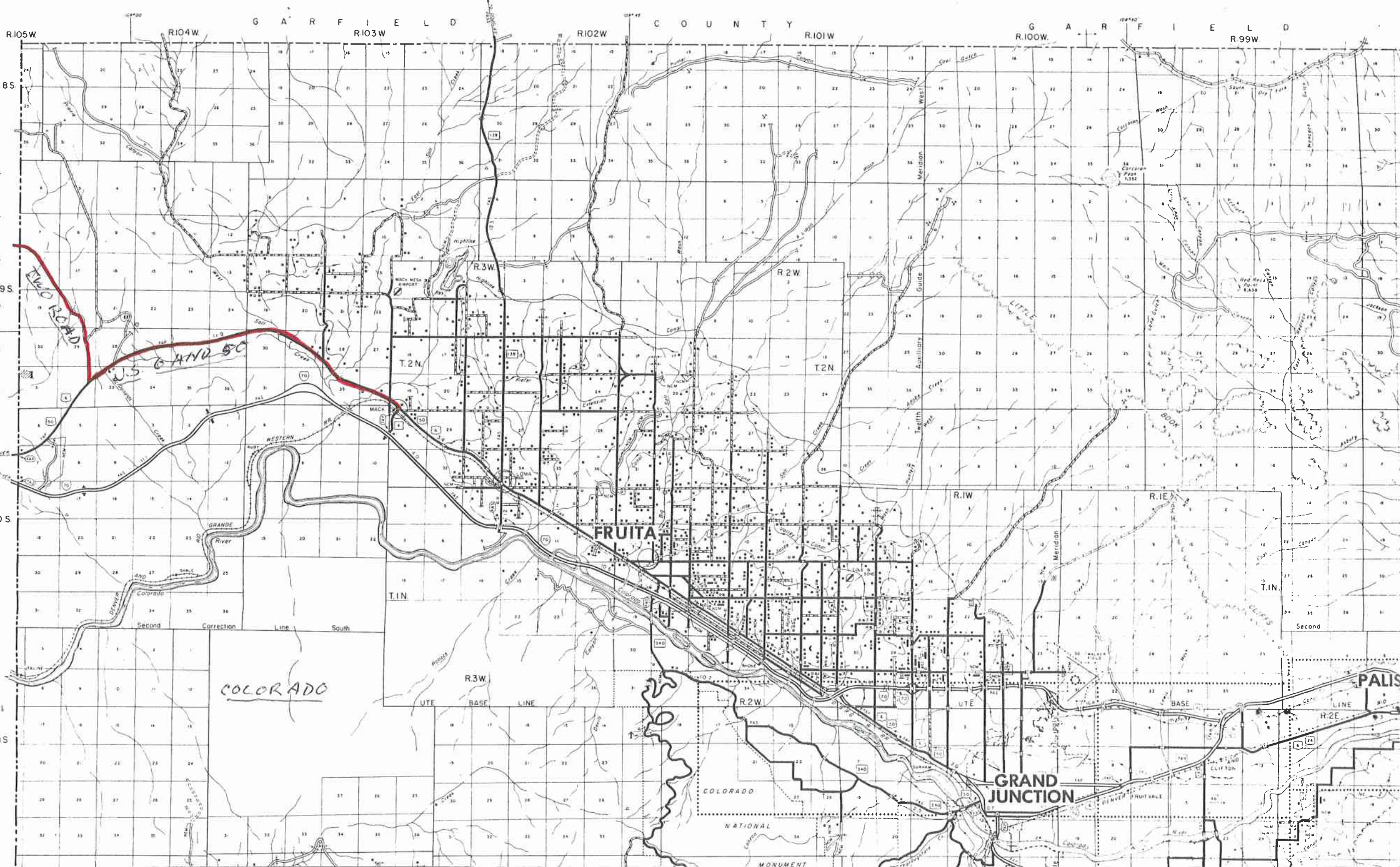




TAH

TAH

T



FRUITA

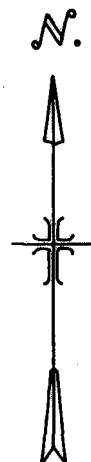
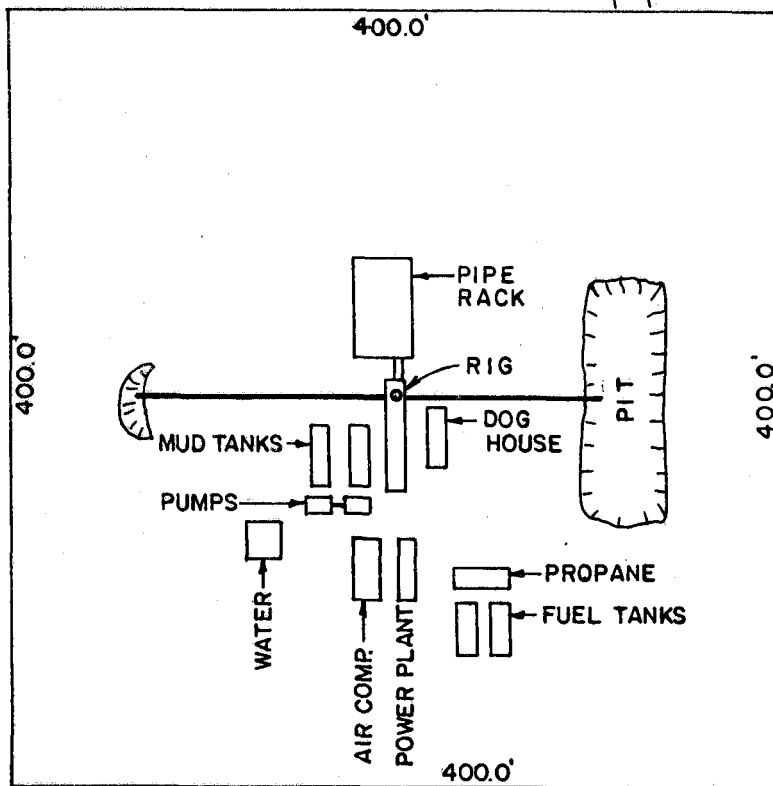
PALIS

GRAND JUNCTION

COLORADO

COLORADO  
NATIONAL  
MONUMENT

PROPOSED ROAD



DRAIN TO  
SAN ARROYO WASH

SECTION 29,  
T 17 S R 25 E S.L.B. & M.

SCALE: 1" = 100'

WESTERN ENGINEERS, INC.

SITE LAYOUT

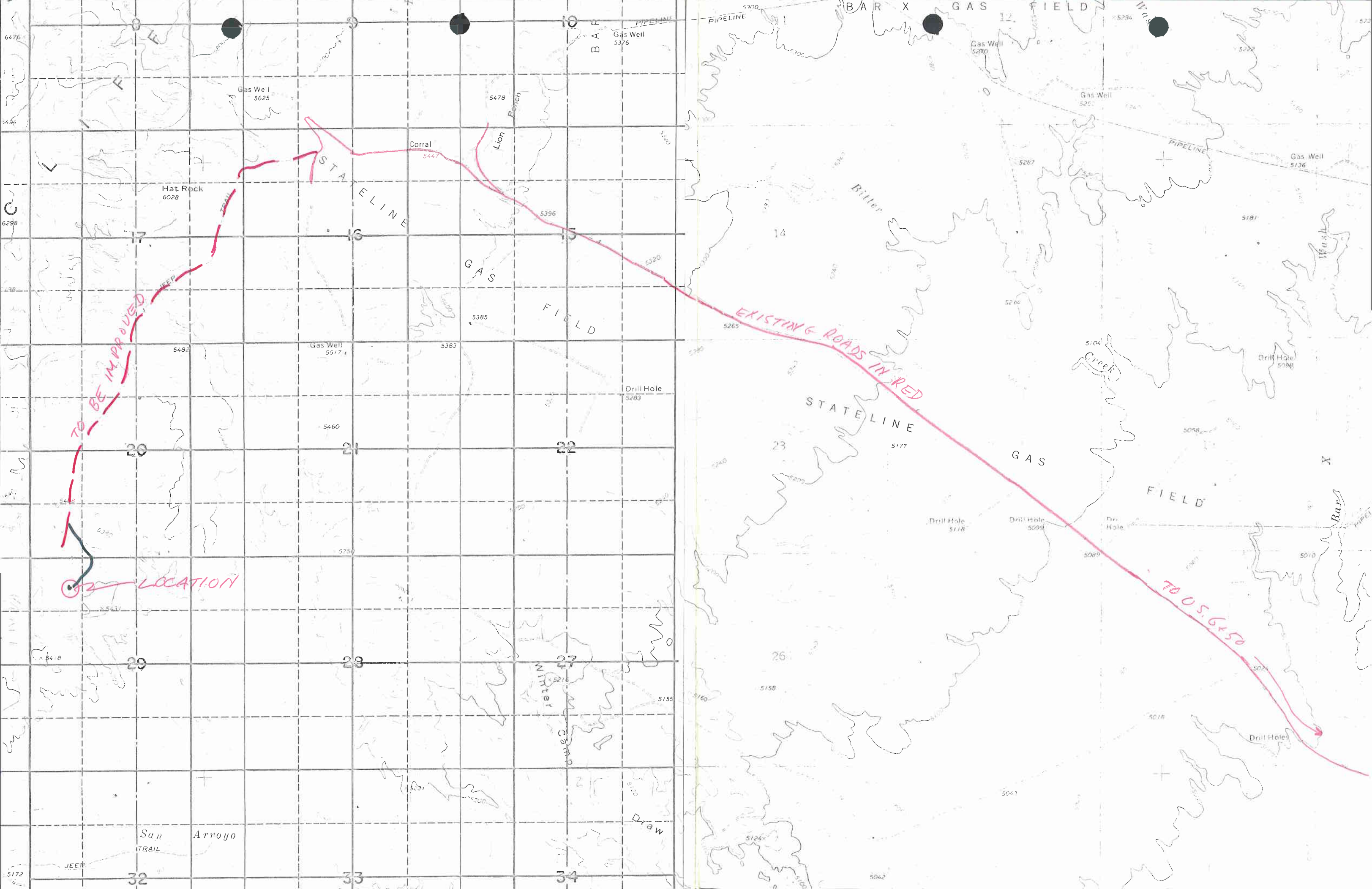
HANCOCK *BOV#* 60

GRAND COUNTY, UTAH

Surveyed \_\_\_\_\_ Drawn G.L.A.

Grand Junction, Colo. 11/9/76

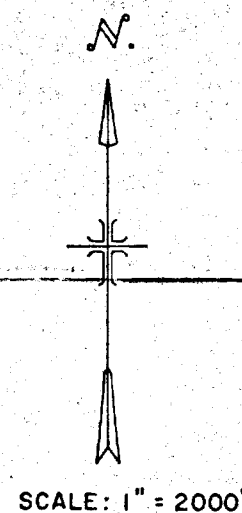
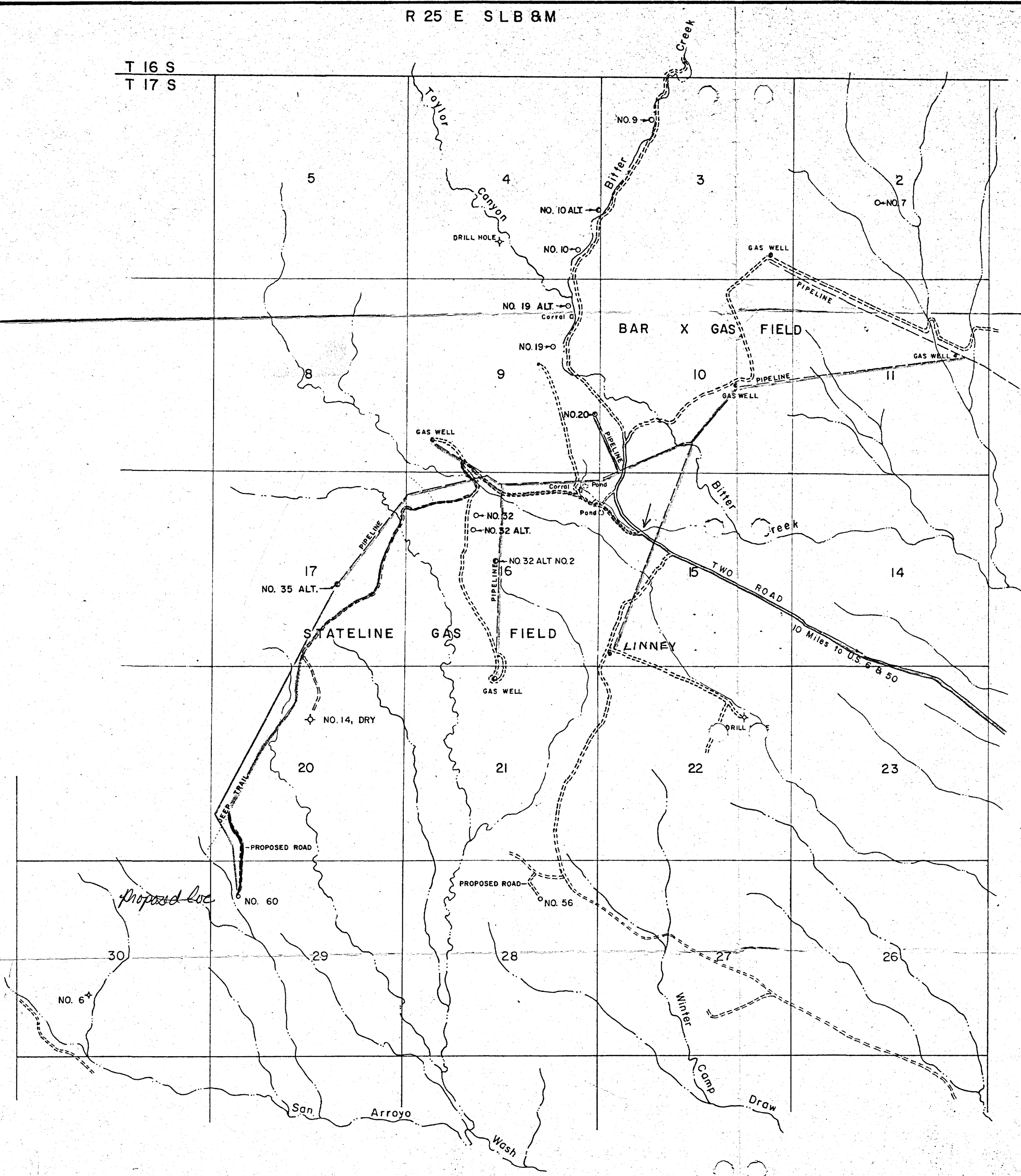






R 25 E S L B & M

T 16 S  
T 17 S



- LEGEND**
- MAIN ROAD
  - LATERAL ROAD
  - EXISTING PIPELINE
  - EXISTING WELL
  - PROPOSED WELL
  - ✦ DRY HOLE
  - *proposed pipeline*
  - *proposed access road*

REVISED 11/9/76 REVISED 1/27/75	WESTERN ENGINEERS, INC.	
	MAP OF	
	ROAD LOCATIONS TO	
	HANCOCK GOV'T WELLS	
	T-17S R25E S.L.B. & M.	
GRAND COUNTY, UTAH		
DRAWN — G.L.A. —		
GRAND JUNCTION, COLO. 1-244-4 9/24/74		

## MULTIPOINT SURFACE USE AND OPERATIONS PLAN

### 1. Existing roads.

- a. See attached topographic map. Existing roads are color-coded red; access roads, black.
- b. Well location is about 45 miles west from Grand Junction; access is northwest from U.S. 6 and 50 onto Two Road, an improved, graded, and drained county road for 10 miles. No further improvement needed. Then west for 1 mile onto a soil surfaced road which connects with the jeep trail beginning in NE 1/4, NW 1/4, Sec. 16, shown in red dashes on the map. Operator will maintain the mile of soil-surfaced road. No improvement is presently needed.

### 2. Planned access roads.

- a. See attached location map. The jeep trail leading west and south from NW 1/4, Sec. 16, red-dashed on the map, will be widened as indicated below. About 2000' of access road, shown in black, leading southeast and then southwest from the jeep trail are planned.
- b. Width; 12 - 14', using a 12' blade.  
Maximum grade; less than 10 percent.  
Turnout: none needed.  
Drainage: natural.  
Culverts: none needed.  
Surface material: the soil that will be exposed in cutting the road; nothing else need be introduced.  
No fences will be cut or gates or cattle guards crossed.

### 3. Existing wells.

- a. See map for the following wells:  
Hancock Govt. No. 35: over 10,000' NW of location, in Sec. 17  
Hancock Govt. No. 14, abandoned well, 8000' NW of location, in Sec. 20.  
Hancock No. 1, over 6000' N of location, in Sec. 21.  
Hancock Govt. No. 6, abandoned well, 5750' W of location, in Sec. 30.

### 4. Location of proposed facilities.

- a. Tank batteries, none.  
Production facilities, none.  
Oil gathering facilities, none.  
Gas gathering system: Northwest Pipeline has existing lines to Hancock No. 35 in Sec. 17, shown in ~~black~~ <sup>BLUE</sup>, attached location map; proposed extension to No. 60 shown in green; none of these lines are buried.  
Injection line, none.  
Disposal line, none.

*metering pt in sec 11 with  
BWA gas gathering system  
extending to*

12. Operator's representative.

Driller - Ross Jacobs  
405 West Mayfield  
Grand Junction, Colorado  
(303) 243-9685

Operator - Burton W. Hancock  
1799 Hamilton Avenue  
San Jose, California 95125  
(408) 264-3114

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by \_\_\_\_\_

Burton W. Hancock and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Nov 5, 1976  
Date

Burton W. Hancock, Operator & Lessee  
Name & Title



Conservation Division, U.S.G.S.  
November 5, 1976

Supplement to Form 9-331 C  
(in compliance with NTL-6)

1. Surface formation:

Mancos Shale

2. Estimated tops:

Dakota Silt	3400'
Upper Dakota Sandstone	3500'
Lower Dakota Sandstone	3530'
Cedar Mountain Formation	3580'
Morrison Formation	3610'

3. Estimated depths:

Water - none

Oil - not expected

Gas - Lower Dakota Sandstone 3530' to 3580'

Cedar Mountain Formation 3580' to 3610'

Brushy Basin Member,

Morrison Formation 3675' to 3690'

4. Proposed casing program:

See Form 9-331 C; new casing

*Set at least 250'  
Surface*

5. Operator's minimum specifications, pressure control equipment:

Blow-out equipment will be used.

(1) Regan B.O.P., 3000 P.S.I. (Hyd. closing unit); tested to 1000 P.S.I. after cement job on surface casing.

(2) Jacob's rotating head above B.O.P.,

(3) Full shut-off gate valve on well and exhaust line

Testing frequency - daily.

6. Proposed circulating medium:

Air drilled. If mud needed, 920.

7. Auxiliary equipment:

(1) Kelly cocks

(2) Floats at the bit and string float.

(3) A sub on the floor with a full opening valve to be stabbed into drill pipe when the Kelly is not in the string.

8. Testing, logging and coring:

No cores or drill stem tests.

An induction electrical (IES) log and a compensated formation density (FDC) log are planned.

9. Abnormal pressures, temperatures or potential hazards:

None expected; no hydrogen sulfide gases.

We have drilled another well in this section, and other producing wells in this field, and have had no problems we could not handle with our equipment and experience.

10. Anticipated starting date:

As soon as approval is received; we must start drilling on or before November 30; lease expires on December 1, 1976.

We anticipate completion by December 15, 1976.

DUPLICATE COPIES OF WELL HISTORY INFORMATION



SUBMIT IN TRIPLICATE\*

(Other instructions on reverse side)

THE STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL WELL ☐GAS WELL ☒

OTHER

SINGLE ZONE ☐MULTIPLE ZONE ☐

## 2. NAME OF OPERATOR

Burton W. Hancock

## 3. ADDRESS OF OPERATOR

1799 Hamilton Avenue, San Jose, California 95125

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface Sec. 29, 990.0 Ft. e.w.l., 735.0 Ft. S.N.L., T17S, R25E, S.L.B.&amp;M.

At proposed prod. zone

Dakota

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

2.3 miles northwest of Moab, Colo

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. line, if any)

330'

## 18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

## 16. NO. OF ACRES IN LEASE

1276.04 ~~40~~

## 19. PROPOSED DEPTH

3600'

## 17. NO. OF ACRES ASSIGNED TO THIS WELL

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5397.2' Ground

## 22. APPROX. DATE WORK WILL START\*

Nov. 30, 1976

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/8"	7"	17#	150'	100%
6 1/4"	4 1/2"	9 1/2#	3600'	100%

Schaffer blow out preventors will be used with blind rams and pipe rams. This equipment is all automatically controlled. Cement between the 4 1/2" casing and the hole will be filled to 100 foot above the uppermost hydrocarbons zones in all areas. All road work and rehabilitation work will be coordinated with the B.L.M. office in Moab, Utah.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

Burton W. Hancock

TITLE

operator

DATE

Nov 5, 1976

(This space for Federal or State office use)

PERMIT NO.

B-019-30330

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

## 5. LEASE DESIGNATION AND SERIAL NO.

U-1501 1065

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 7. UNIT AGREEMENT NAME

## 8. FARM OR LEASE NAME

Burton W. Hancock

## 9. WELL NO.

Hancock Govt. No. 60

## 10. FIELD AND POOL, OR WILDCAT

West Bar X Gas Field

## 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 29, T17S, R25E, S.L.B. &amp; M.

## 12. COUNTY OR PARISH

Grand

## 13. STATE

Utah

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

SE NW NW  
Sec. 29

\*\* FILE NOTATIONS \*\*

Date: Nov. 24, 1976

Operator: Burton W. Hancock

Well No. Hancock Gort No. 60

Location: Sec. 29 T. 17S R. 25E, County: Grand

File Prepared

☒

Entered on N.I.D.

☒

Card Indexed

☒

Completion Sheet

☒

Checked By:

Administrative Assistant: [Signature]

Remarks: 11-16-76

Verbal Approval by CBF

Petroleum Engineer: [Signature]

Remarks:

Director: [Signature]

Remarks:

Topo. Exception  
Check of Topo.  
indicator it is not  
warranted, Hancock  
approval has already  
been granted

Include Within Approval Letter:

Bond Required ☐

Survey Plat Required ☐

Order No. ☐

Surface Casing Change ☐  
to ☐

Rule C-3(c), Topographical exception/company owns or controls acreage  
within a 660' radius of proposed site ☒

O.K. Rule C-3 ☐

O.K. In ☐

Unit ☐

Other:

☒ Letter Written

November 24, 1976

Burton W. Hancock  
1799 Hamilton Avenue  
San Jose, California

Re: Well No. Hancock Gov't. No. 60  
Sec. 29, T. 17 S, R. 25 E,  
Grand County, Utah

Dear Mr. Hancock:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3,(c) General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer  
HOME: 582-7247  
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-019-30330.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
Director

/SW  
cc: U.S. Geological Survey



THE STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION

SUBMIT IN TRIPLICATE\*

(Other instructions on reverse side)

*Location Change*

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

11-29-76

#60

Sec. 30,

441' FEL

608' FNL

*topog. elev. ; b.m. &  
usgs request that location  
not be placed in Juniper  
trees.*

*\* Location moved from  
Sec. 29 to Sec. 30 -*

*Don Guigley*

5. LEASE DESIGNATION AND SERIAL NO.

U-1065

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Burton W. Hancock

9. WELL NO.

Hancock Govt. No. 60

10. FIELD AND POOL, OR WILDCAT

Stateline Gas Field

11. SEC., T., R., M., OR BLK.

Sec. 30, T17S, R25E,

S.L.B. &amp;M.

12. COUNTY OR PARISH

Grand

13. STATE

Utah

14. CASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START\*

November 30, 1976

PROGRAM

15. PERCENT

QUANTITY OF CEMENT

100%

100%

pipe rams. This equipment is all  
and the hole will be filled to  
All road work and rehabilitation  
lah.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: 11-30-76

*C.B. Wright*

on present productive zone and proposed new productive  
ions and measured and true vertical depths. Give blowout

DATE NOV 27/1976

(This space for Federal or State office use)

PERMIT NO.

43-019-30330

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

SUBMIT IN TRIPLICATE\*

(Other instructions on reverse side)

THE STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL WELL ☐GAS WELL ☒

OTHER

SINGLE ZONE ☐MULTIPLE ZONE ☐

## 2. NAME OF OPERATOR

Burton W. Hancock

## 3. ADDRESS OF OPERATOR

1799 Hamilton Avenue, San Jose, California 95125

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

Sec. 30, 400.0 Ft. W.E.L., 600.0 Ft. S.N.L., T17S, R25E, S.L.B. &amp;M.

At proposed prod. zone

Dakota

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

23 miles northwest of Mack, Colorado

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. line, if any)

400'

## 16. NO. OF ACRES IN LEASE

1276.04

## 17. NO. OF ACRES ASSIGNED

TO THIS WELL

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

3600'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5350' GR

## 22. APPROX. DATE WORK WILL START\*

November 30, 1976

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/8"	7"	17#	150'	100%
6 1/4"	4 1/2"	9 1/2#	3600'	100%

Schaffer blow out preventors will be used with blind rams and pipe rams. This equipment is all automatically controlled. Cement between the 4 1/2" casing and the hole will be filled to 250 feet above the uppermost hydrocarbon zones in all areas. All road work and rehabilitation work will be coordinated with the B.L.M. office in Moab, Utah.

APPROVED IN ACCORDANCE WITH RULE C-3(c),  
TOPOGRAPHIC EXCEPTION. ✓

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: 11-30-76

BY: C.B. Wright

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

Burton W. Hancock

TITLE

operator

DATE

Nov 27, 1976

(This space for Federal or State office use)

PERMIT NO.

43-019-30330

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

Conservation Division, U.S.G.S.  
November 5, 1976

Supplement to Form 9-331 C  
(in compliance with NTL-6)

1. Surface formation:  
Mancos Shale
2. Estimated tops:

Dakota Silt	3400'
Upper Dakota Sandstone	3500'
Lower Dakota Sandstone	3530'
Cedar Mountain Formation	3580'
Morrison Formation	3610'
3. Estimated depths:

Water - none	
Oil - not expected	
Gas - Lower Dakota Sandstone	3530' to 3580'
Cedar Mountain Formation	3580' to 3610'
Brushy Basin Member,	
Morrison Formation	3675' to 3690'
4. Proposed casing program:  
See Form 9-331 C; new casing
5. Operator's minimum specifications, pressure control equipment:  
Blow-out equipment will be used.
  - (1) Regan B.O.P., 3000 P.S.I. (Hyd. closing unit); tested to 1000 P.S.I. after cement job on surface casing.
  - (2) Jacob's rotating head above B.O.P.
  - (3) Full shut-off gate valve on well and exhaust lineTesting frequency - daily.
6. Proposed circulating medium:  
Air drilled. If mud needed, 920.
7. Auxiliary equipment:
  - (1) Kelly cocks
  - (2) Floats at the bit and string float.
  - (3) A sub on the floor with a full opening valve to be stabbed into drill pipe when the Kelly is not in the string.
8. Testing, logging and coring:  
No cores or drill stem tests.  
An induction electrical (IES) log and a compensated formation density (FDC) log are planned.



9. Abnormal pressures, temperatures or potential hazards:

None expected; no hydrogen sulfide gases.

We have drilled another well in this section, and other producing wells in this field, and have had no problems we could not handle with our equipment and experience.

10. Anticipated starting date:

As soon as approval is received; we must start drilling on or before November 30; lease expires on December 1, 1976.

We anticipate completion by December 31, 1976.

## MULTIPOINT SURFACE USE AND OPERATIONS PLAN

### 1. Existing roads.

- a. See attached topographic map. Existing roads are color-coded red; access roads, black.
- b. Well location is about 45 miles west from Grand Junction; access is northwest from U.S. 6 and 50 onto Two Road, an improved, graded, and drained county road for 10 miles. No further improvement needed. Then west for 1 mile onto a soil-surfaced road which connects with the jeep trail beginning in NE 1/4, NW 1/4, Sec. 16. Operator will maintain the mile of soil-surfaced road. No improvement is presently needed.

### 2. Planned access roads.

- a. See attached location map. The jeep trail leading west and south from NW 1/4, Sec. 16, will be widened as indicated below. About 200' of access road, shown in black, leading east from the jeep trail are planned.
- b. Width: 12 - 14', using a 12' blade.  
Maximum grade: less than 10 percent.  
Turnout: none needed.  
Drainage: natural.  
Culverts: four 30" culverts, for the jeep trail; none needed for the access road.  
Surface material: the soil that will be exposed in cutting the road; nothing else need be introduced.  
No fences will be cut or gates or cattle guards crossed.

### 3. Existing wells:

- a. See map for the following wells:  
Hancock Govt. No. 35: over 10,000' NW of location, in Sec. 17.  
Hancock Govt. No. 14, abandoned well, 8000' NW of location, in Sec. 20.  
Hancock No. 1, over 6000' N of location, in Sec. 21.  
Hancock Govt. No. 6, abandoned well, 4500' W of location, in Sec. 30.

### 4. Location of proposed facilities.

- a. Tank batteries, none.  
Production facilities, none.  
Oil gathering facilities, none.  
Gas gathering system: Northwest Pipeline has existing lines to metering point in Sec. 11 with Hancock gas gathering system extending to Hancock No. 35 in Sec. 17, shown in blue, attached location map; proposed extension to No. 60 shown in green; none of these lines are buried.  
Injection line, none.  
Disposal line, none.

- b. New facilities.  
Two-inch welded pipeline to connect with existing pipeline at Hancock No. 35, approximately 1.6 miles NE in Sec. 17; see map. There will be no disturbance to livestock or to surface.
5. Water Supply.
  - a. Nearest water is at Fruita, Colorado, about 70 miles, round trip.
  - b. Water will be pumped into tank truck, driven to location and pumped into well storage tank.
  - c. No pipeline or water well is planned or needed.
6. Construction materials.
  - a. None used or needed; the soil in place above the Mancos Shale will make a good road surface.
7. Waste disposal.
  - a. Cuttings; waste pit as shown on site layout.  
Drilling fluids; waste pit.  
Sewage; self-contained trailer  
Garbage and waste; removed in plastic bags, buried under 2' of fill.
8. Ancillary facilities.
  - a. Trailer and dog house, only.
9. Well site layout.
  - a. See plat drawing for location of facilities.  
Drill pad will be 400' x 400'.  
Pits are to be unlined.
10. Restoration of surface.
  - a. Back-filling; leveling.  
Revegetation.  
Pits filled, covered and leveled.  
Oil removed.
  - b. If well is completed, we will install needed facilities and then restore.  
If well is a dry hole, we will restore immediately before leaving area.
11. Other information.
  - a. Topography; see attached map. A stream bed trends E/W about 400' south of the location. No effluence will reach stream bed.
  - b. Surface formation is the Castlegate Member of the Price River Formation, a hard, fine grained yellow-gray calcareous thin-bedded siltstone and sandstone.
  - c. Other surface use; mainly oil and gas.
  - d. No occupied dwellings, archeological, historical or cultural sites this location.



12. Operator's representative.

Driller - Ross Jacobs

405 West Mayfield

Grand Junction, Colorado

(303) 243-9685

Operator - Burton W. Hancock

1799 Hamilton Avenue

San Jose, California 95125

(408) 264-3114

13. Certification.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Burton W. Hancock and his contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

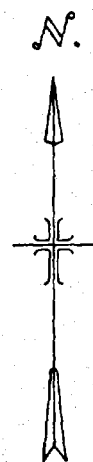


Burton W. Hancock, Operator

November 5, 1976

R 25 E S L B 8 M

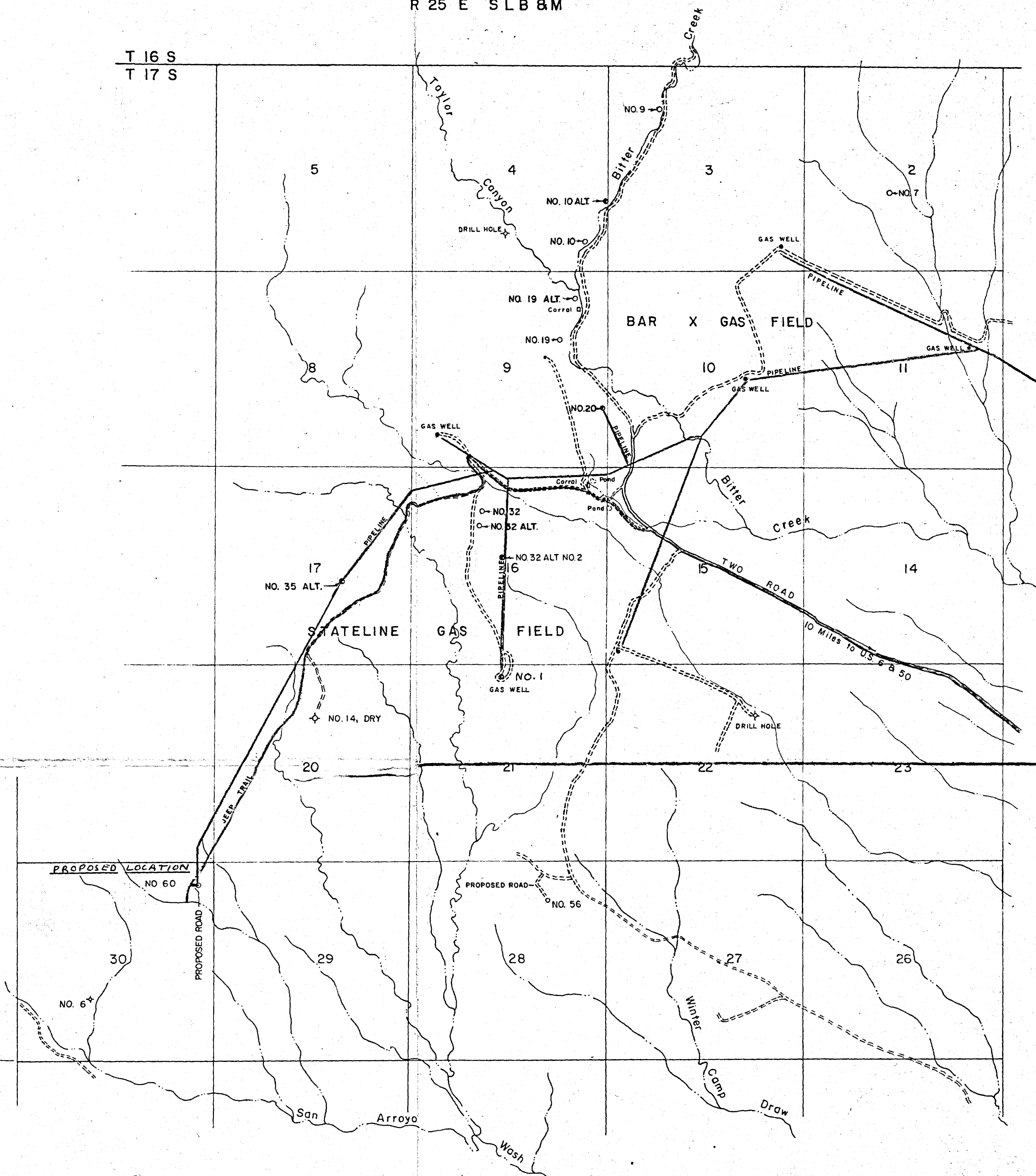
T 16 S  
T 17 S



SCALE: 1" = 2000'

LEGEND

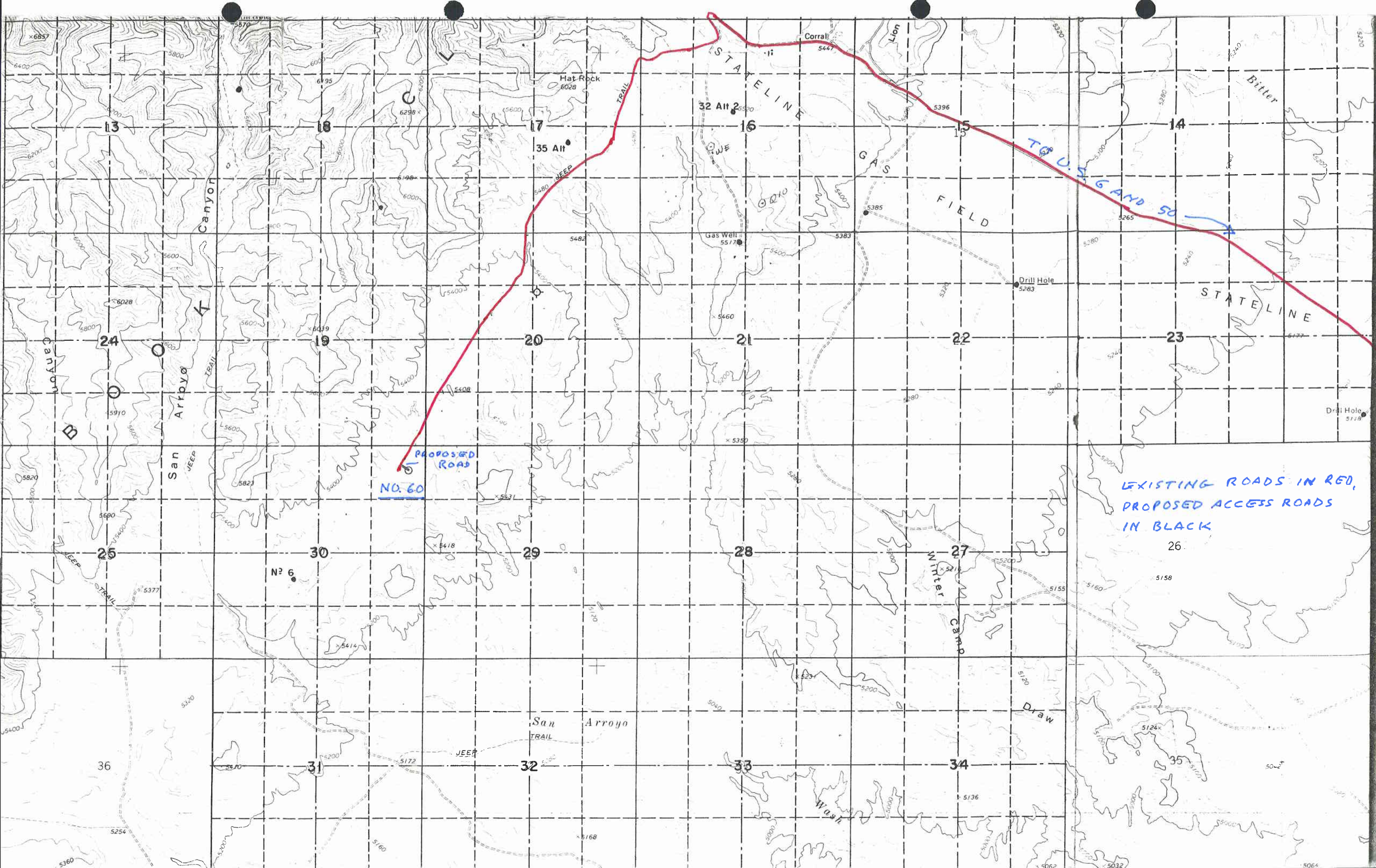
- ===== MAIN ROAD
- ===== LATERAL ROAD
- EXISTING PIPELINE
- EXISTING WELL
- o PROPOSED WELL
- ✦ DRY HOLE
- PROPOSED PIPELINE
- PROPOSED ACCESS ROAD



REVISED 11/9/76 REVISED 1/27/75	WESTERN ENGINEERS, INC. MAP OF ROAD LOCATIONS TO HANCOCK GOV'T WELLS T17S R25E S.L.B.&M. GRAND COUNTY, UTAH DRAWN - G.L.A.	
	GRAND JUNCTION, COLO. 1-244-4 9/24/74	

Relt







U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
BURTON W. HANCOCK #60	608 FNL - 441' FEL-30 990' FNL, 735' FNL, SEC. 29, T17S. R2SE., SLM, GRAND CO. UTAH GRAL 5397.2'	U-1065
<p>1. Stratigraphy and Potential Oil and Gas Horizons. Well will spud in the MANCOS SHALE.</p> <p>BURTON W. HANCOCK well #6, sec. 30 same township, reports following tops: DAKOTA - 3465', CEDAR Mtns - 3550', BRUSHY BASIN - 3670', SALT WASH - 3946', SUMMERVILLE - 4210', CURTIS - 4235', ENTRADA - 4270'.</p> <p>2. Fresh Water Sands. T.D. 4289'.</p> <p>WRD report: see page 2.</p> <p>3. Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.) Within lands classified prospectively VALUABLE for coal. DAKOTA coals are thin and lenticular and perhaps they are not present. See item 9.</p> <p>4. Possible Lost Circulation Zones. Lenticular sands of the DAKOTA, &amp; CEDAR Mtn. FORMATIONS MAY CONTAIN lost circulation ZONES.</p> <p>5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. UNKNOWN.</p> <p>6. Possible Abnormal Pressure Zones and Temperature Gradients. UNKNOWN.</p> <p>7. Competency of Beds at Proposed Casing Setting Points. Probably competent.</p> <p>8. Additional Logs or Samples Needed. NONE.</p> <p>9. References and Remarks outside K.G.S. see Fisher U.S.G.S. Bull. 852</p>		
Date: 11-23-76	Signed: Eileen Pera	



33.  
1.  
(D-18-23) 20 hca  
Depths of fresh-water zones:

Viking Oil & Drilling Co., Larson Fed. 20-1, Wildcat

928' fw1, 2,622' fn1, sec. 20, T.18 S., R.25 E., SLBM, Grand Co., Utah

Elev 5,012 ft, test to 2,000 ft

Casing proposed to 100 ft

Formation tops, approx.:

Alluvium over Mancos Shale	surface
Ferron Sandstone Mem	260 ft
Tununk Shale Mem	1,210 ft
Dakota Ss	1,340 ft
Morrison Fm	1,460 ft
Entrada Ss	2,130 ft

There are no water wells in the near vicinity of this test. Useable water, possibly fresh, may occur in sandstone units of the Mancos Shale. Useable water may occur in the Ferron Sandstone Mem, but deeper formations contain saline water or brine.

CTS  
11-5-70

Burton W. Hancock  
#60  
See 30-17s-25E  
4-1065  
Grand Co. Utah -  
BLM - Navajo  
USGS - Alexander  
Hancock - Hancock

- ☐ 0 ENHANCES  
☐ NO IMPACT  
☒ / MINOR IMPACT  
☒ X MAJOR IMPACT

Burton W. Hancock # 60 Sec 30-17s-25E U-1065 Grand Co. Utah - BLM - Naegly USGS - Alexander Hancock - Hancock		Construction			Pollution			Drilling Production			Transport Operations			Accidents		Others				
		Roads, bridges, airports	Transmission lines, pipelines	Dams & impoundments	Others (pump stations, compressor stations, etc.)	Burning, noise, junk disposal	Liquid effluent discharge	Subsurface disposal	Others (toxic gases, noxious gas, etc.)	Well drilling	Fluid removal (Prod. wells, facilities)	Secondary Recovery	Noise or obstruction of scenic views	Mineral processing (ext. facilities)	Others	Trucks	Pipelines	Others	Spills and leaks	Operational failure
<input type="checkbox"/> ENHANCES																				
<input type="checkbox"/> NO IMPACT																				
<input type="checkbox"/> MINOR IMPACT																				
<input checked="" type="checkbox"/> MAJOR IMPACT																				
Land Use	Forestry	W/A																		
	Grazing	W/A																		
	Wilderness	W/A																		
	Agriculture	W/A																		
	Residential-Commercial	W/A																		
	Mineral Extraction	W/A																		
	Recreation	W/A																		
	Scenic Views	W/A																		
	Parks, Reserves, Monuments	W/A																		
	Historical Sites	W/A																		
Unique Physical Features		W/A																		
Flora & Fauna	Birds	W/A																		
	Land Animals	W/A																		
	Fish	W/A																		
	Endangered Species	W/A																		
	Trees, Grass, Etc.	W/A																		
Phys. Character.	Surface Water	W/A																		
	Underground Water	W/A																		
	Air Quality	W/A																		
	Erosion	W/A																		
	Other	W/A																		
Effect On Local Economy		W/A																		
Safety & Health		W/A																		
Others		Orig - FUE cc - BLM - MOAB Regional Mgr - DWR. UTAH STATE O-G - M																		

Orig - EUE  
cc - BLM - MOAB  
Regional Mgr - DWR  
UTAH STATE O-G - M

Well No. &amp; Location

#60 Sec 30-17-25E

Grand County Utah.

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B1. Proposed Action

Burton W. Hancock PROPOSES TO DRILL AN OIL AND GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 3600 FT. TD. 2) TO CONSTRUCT A DRILL PAD 120 FT. X 200 FT. AND A RESERVE PIT 20 FT. X 20 FT. 3) TO CONSTRUCT 14 FT. X 1.5 MILES ACCESS ROAD AND UPGRADE 14 FT. X 1 MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD.

2. Location and Natural Setting (existing environmental situation)

Location falls in large Sagebrush covered flat surrounded by Division Juniper. Other vegetation is mostly desert shrubs and sparse grasses.

The wildlife is the usual deer, antelope, small mammals and birds w/ no known endangered species.

For additional information see Item #11 of Surface use plan.

3. Effects on Environment by Proposed Action (potential impact)

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

6)

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS.

3) *No nearby location could be found that would justify this action.*

5. Adverse Environmental Effects Which Cannot Be Avoided

1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM RIG ENGINES AND SUPPORT TRAFFIC ENGINES.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.

4) TEMPORARY DISTURBANCE OF LIVESTOCK.

5) MINOR AND SHORT-TERM VISUAL IMPACTS.

6)

6. Determination

(This requested action ~~does~~ (does not) constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2) (c).

Date Inspected

11-22-76

Inspector

*[Signature]*

*[Signature]*  
U.S. Geological Survey,  
Conservation Division  
Salt Lake City District  
Salt Lake City, Utah



Burton W. Hancock

1799 Hamilton Avenue  
San Jose, California 95125

November 26, 1976

Mr. Cleon B. Feight, Director  
Division of Oil and Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116



Dear Mr. Feight:

Attached is a revised Application for Permit to Drill Hancock Govt. No. 60, and a copy of a letter to Mr. Guynn which explains the modifications from an earlier application for this well, submitted to you on November 5.

In addition to the plat for the new location, Don Quigley will also send you a letter explaining the geologic reasons for drilling 400' rather than 500' from the lease line, for this location.

I appreciate very much your help with this well and with my No. 10 Alt., which, it is now evident, will become a very good producing well. The completion report is being sent to you separately.

Sincerely yours,

*Burton W. Hancock*

BURTON W. HANCOCK

*Not Approved,  
This is an exception to  
the original location. Topo to  
the original agree w/ a topo to  
I can't agree w/ no substantiation*

*OK Ph*

*Nov. 30, 1976*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Burton W. Hancock

## 3. ADDRESS OF OPERATOR

1799 Hamilton Avenue, San Jose, California 95125

## 4. LOCATION OF WELL. (Report location clearly and in accordance with any State requirements.\*)

At surface

Sec. 30, 400.0 Ft. W.E.L., 500 Ft. S.N.L., T17S, R25E, S.L.B. &amp;M.

At proposed prod. zone

Dakota

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

23 Miles Northwest of Mack, Colorado

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

400'

## 16. NO. OF ACRES IN LEASE

1276.04

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

3600'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5350' GR

## 22. APPROX. DATE WORK WILL START\*

November 30, 1976

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/8"	7"	17#	150'	100%
6 1/4"	4 1/2"	9 1/2#	3600'	100%

Schaffer blow out preventors will be used with blind rams and pipe rams. This equipment is all automatically controlled. Cement between the 4 1/2" casing and the hole will be filled to 250 feet above the uppermost hydrocarbon zones in all areas. All road work and rehabilitation work will be coordinated with the B.L.M. office in Moab, Utah.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED Burton W. HancockTITLE OperatorDATE Nov 27, 1976

(This space for Federal or State office use)

## PERMIT NO.

APPROVAL DATE

ORAL FOR DIRTWORK 11-24-76

## APPROVED BY

TITLE

ACTING DISTRICT ENGINEER

DATE NOV 30 1976

CONDITIONS OF APPROVAL, IF ANY:

**CIRCULATE TO:**

DIRECTOR \_\_\_\_\_  
PETROLEUM ENGINEER \_\_\_\_\_  
MINE COORDINATOR \_\_\_\_\_  
ADMINISTRATIVE ASSISTANT \_\_\_\_\_  
ALL \_\_\_\_\_

RETURN TO Ruthy  
FOR FILING K

November 30, 1976

**MEMO FOR FILING**

Re: Well No's:

Burton W. Hancock  
No. Hancock Gov't. #60,  
Sec. 30, T. 17 S, R. 25 E,  
No. Hancock Gov't. #56,  
Sec. 28, T. 17 S, R. 25 E,  
Grand County, Utah

Burton W. Hancock, via telephone conversation this date,  
advised that the above wells would be spudded-in within the next  
24 hours.

SCHEREE WILCOX  
Administrative Assistant

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-1065

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Burton W. Hancock

9. WELL NO.

Hancock Gov't # 60

10. FIELD AND POOL, OR WILDCAT

West Bar-X

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREANE, NE, Sec. 30-178-25E  
S.L.M.

12. COUNTY OR PARISH

Grand

13. STATE

Utah

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR  
Burton W. Hancock

3. ADDRESS OF OPERATOR  
1799 Hamilton Ave., San Jose, Calif., 95125

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
NE, NE, Sec. 30, T. 17 S., R. 25 E., S.L.M.  
608' from N-line & 441' from E-line

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3349' grd.; 5359' K.B.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

## SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

Change of location

X

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The location of the above well has been changed from the NW $\frac{1}{4}$  of Sec. 29, T. 17 S., R. 25 E., S.L.M. to the above position. This location change was made to improve the geologic position of the well, based on geophysical and geological work. The attached map shows the location in relation to the topography.

It is requested that an exception be granted to the Utah State spacing rule in regard to distance from section lines due to topographic and environmental reasons. The BLM personnel did not want the location in the area of Juniper trees. The operator owns all of the oil and gas leases within one mile in all directions from the location.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Cons. Geol.

DATE

Nov. 29, 1976

(This space for Federal or State office use)

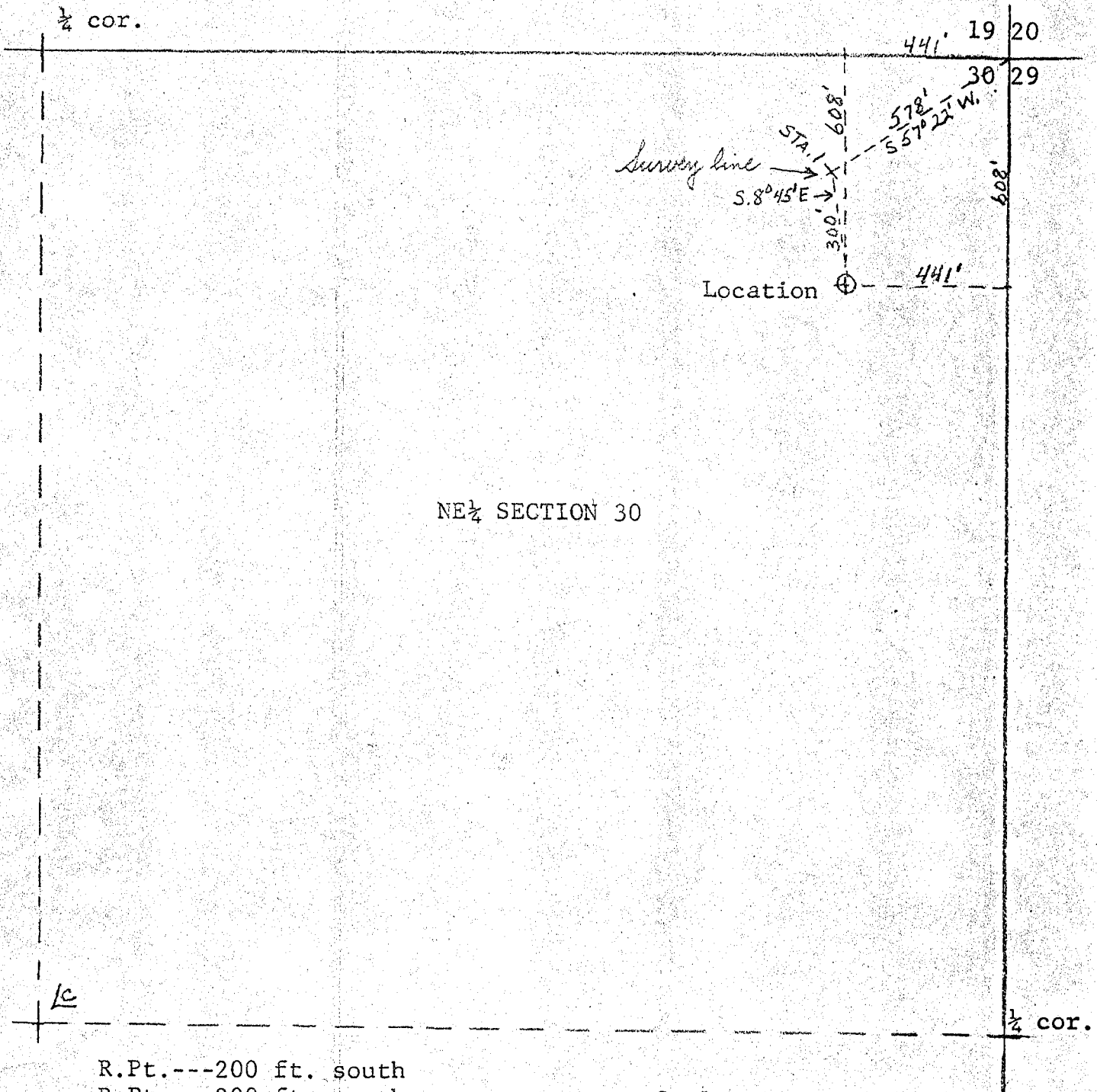
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

LOCATION PLAT FOR  
HANCOCK GOV'T # 60 WELL  
NE.NE.SEC.30-17S-25E  
GRAND COUNTY,UTAH  
Elev.:5349' grd.



R.Pt.---200 ft. south  
R.Pt.---200 ft. north

Scale: 1 in. = 400 ft.

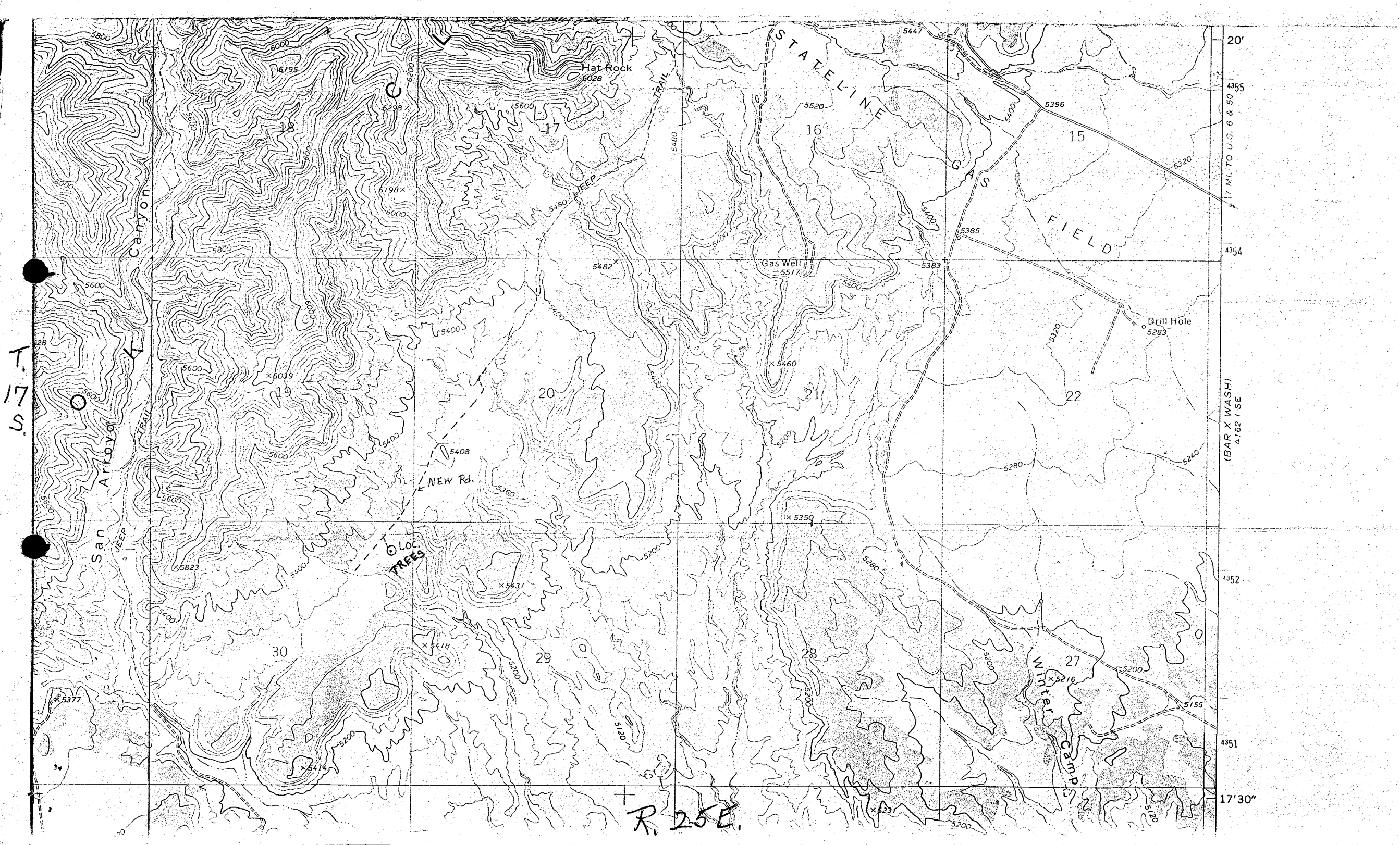
Date: Nov. 29, 1976

Surveyed by: W. Don Quigley

I, W. Don Quigley, do hereby certify  
that this plat was plotted from notes  
of a field survey made by me on Nov.  
27, 1976.

W. Don Quigley

PLAT NO. 1





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-B1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-1065

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Burton W. Hancock

9. WELL NO.

Hancock Gov't # 60

10. FIELD AND POOL, OR WILDCAT

West Bar-X

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

NE, NE, Sec. 30-17S-25E  
S.L.M.

12. COUNTY OR PARISH 13. STATE

Grand

Utah

1.

OIL ☐ GAS ☒  
WELL WELL OTHER

2. NAME OF OPERATOR

Burton W. Hancock

3. ADDRESS OF OPERATOR

1799 Hamilton Ave., San Jose, Calif. 95125

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)

At surface NE 1/4, Sec. 30, T. 17 S., R. 25 E., S. L. M.  
608' from N-line & 441' from E-line

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3349' grd.; 5359' K.B.

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☐  
☐  
☐

PULL OR ALTER CASING

☐  
☐  
☐  
☐  
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐  
☐

REPAIRING WELL

☐  
☐  
☐  
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other) Change of location

☒

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

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It is requested that an exception be granted to the Utah State spacing rule in regard to distance from section lines due to topographic and environmental reasons. The BLM personnel did not want the location in the area of Juniper trees. The operator owns all of the oil and gas leases within one mile in all directions from the location.

18. I hereby certify that the foregoing is true and correct

SIGNED

*W. H. Gungley*

TITLE

Cons. Geol.

DATE Nov. 29, 1976

(This space for Federal or State office use)

APPROVED BY

*W. H. Gungley*

TITLE

ACTING DISTRICT ENGINEER

DATE

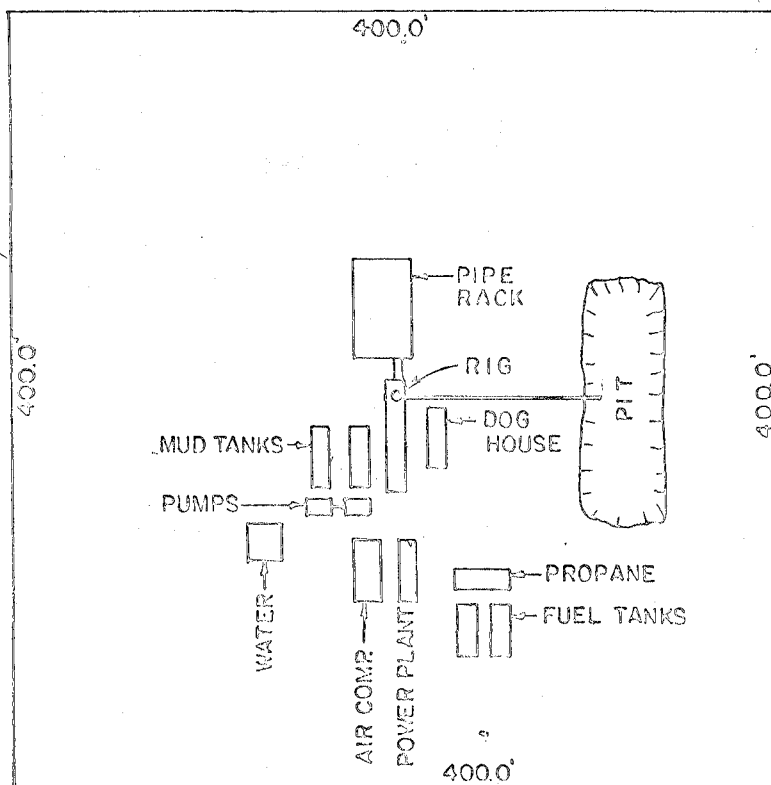
NOV 30 1976

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

APPROVAL NOTICE - UTAH STATE O-G-M

proposed  
road



DRAIN TO  
SAN ARROYO WASH

SECTION 30  
T17S R25E S.L.B. & M.

SCALE: 1" = 100'

WESTERN ENGINEERS, INC.

SITE LAYOUT

MANCOCK *COV 11* 60

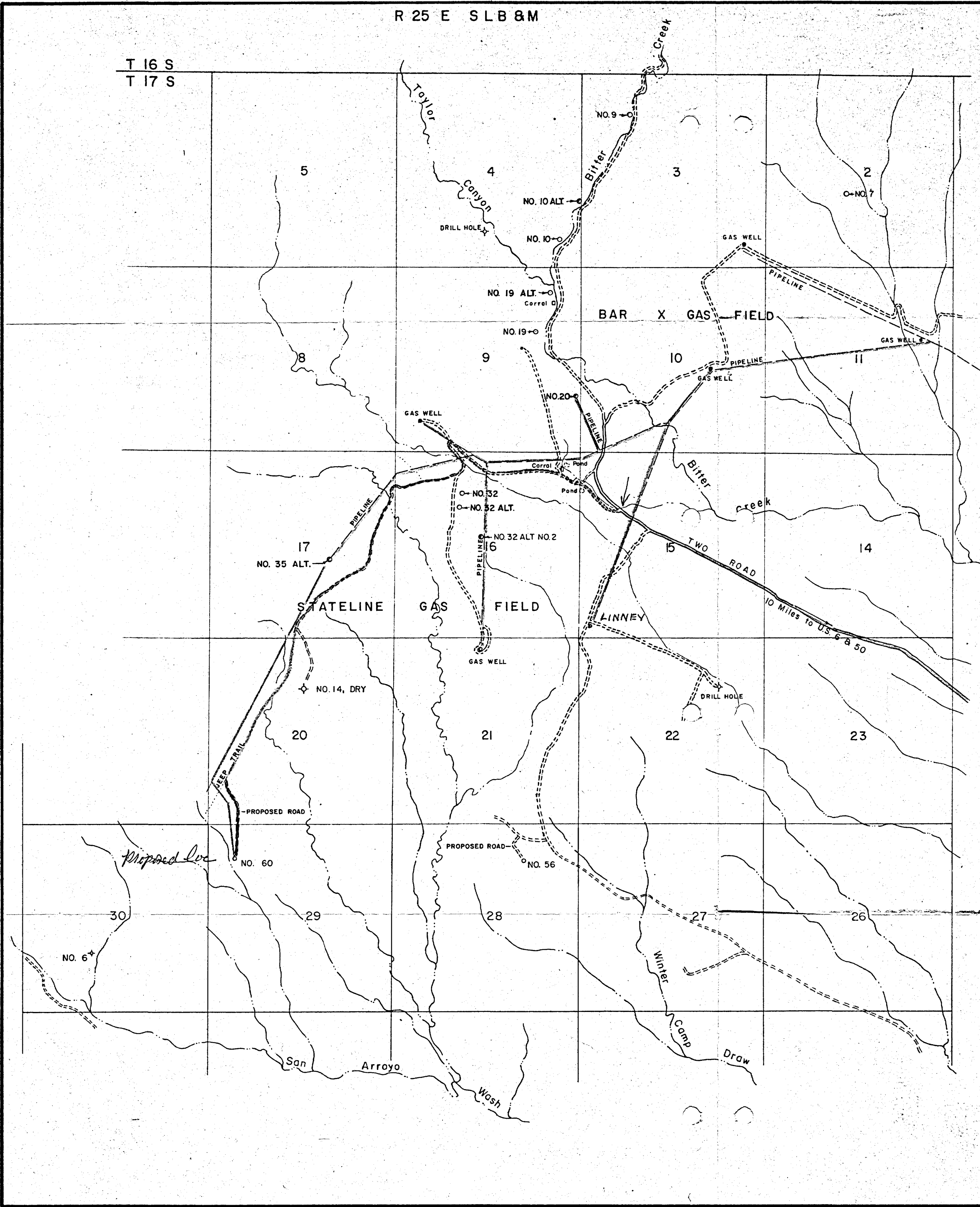
GRAND COUNTY, UTAH

Surveyed \_\_\_\_\_ Drawn G.L.A.

Grand Junction, Colo. 11/9/76

R 25 E S L B & M

T 16 S  
T 17 S



SCALE: 1" = 2000'

LEGEND

- ===== MAIN ROAD
- LATERAL ROAD
- ===== EXISTING PIPELINE
- EXISTING WELL
- PROPOSED WELL
- ✦ DRY HOLE

----- proposed pipeline  
----- proposed access road

REVISED 11/9/76 REVISED 1/27/75	WESTERN ENGINEERS, INC.	
	MAP OF	
	ROAD LOCATIONS TO	
	HANCOCK GOV'T WELLS	
T17S R25E S.L.B. & M.		
GRAND COUNTY, UTAH		
DRAWN <u>G.L.A.</u>		
GRAND JUNCTION, COLO. 1-244-4 9/24/74		

## MULTIPOINT SURFACE USE AND OPERATIONS PLAN

### 1. Existing roads.

- a. See attached topographic map. Existing roads are color-coded red; access roads, black.
- b. Well location is about 45 miles west from Grand Junction; access is northwest from U.S. 6 and 50 onto Two Road, an improved, graded, and drained county road for 10 miles. No further improvement needed. Then west for 1 mile onto a soil surfaced road which connects with the jeep trail beginning in NE 1/4, NW 1/4, Sec. 16, shown in red dashes on the map. Operator will maintain the mile of soil-surfaced road. No improvement is presently needed.

### 2. Planned access roads.

- a. See attached location map. The jeep trail leading west and south from NW 1/4, Sec. 16, red-dashed on the map, will be widened as indicated below. About 2000' of access road, shown in black, leading southeast and then southwest from the jeep trail are planned.
- b. Width; 12 - 14', using a 12' blade.  
Maximum grade; less than 10 percent.  
Turnout: none needed.  
Drainage: natural.  
Culverts: none needed.  
Surface material: the soil that will be exposed in cutting the road; nothing else need be introduced.  
No fences will be cut or gates or cattle guards crossed.

### 3. Existing wells.

- a. See map for the following wells:  
Hancock Govt. No. 35: over 10,000' NW of location, in Sec. 17  
Hancock Govt. No. 14, abandoned well, 8000' NW of location, in Sec. 20.  
Hancock No. 1, over 6000' N of location, in Sec. 21.  
Hancock Govt. No. 6, abandoned well, 5750' W of location, in Sec. 30.

### 4. Location of proposed facilities.

- a. Tank batteries, none.  
Production facilities, none.  
Oil gathering facilities, none.  
Gas gathering system: Northwest Pipeline has existing lines to Hancock No. 35 in Sec. 17, shown in ~~black~~ <sup>BLUE</sup>, attached location map; proposed extension to No. 60 shown in green; none of these lines are buried.  
Injection line, none.  
Disposal line, none.

*metering pt in sec 11 with  
BWP gas gathering system  
extending to*

- b. New facilities.  
Two-inch welded pipeline to connect with existing pipeline at Hancock No. 35, approximately 1.6 miles NE in Sec. 17; see map. There will be no disturbance to livestock or to surface.
5. Water Supply.
  - a. Nearest water is at Fruita, Colorado, about 70 miles, round trip.
  - b. Water will be pumped into tank truck, driven to location and pumped into well storage tank.
  - c. No pipeline or water well is planned or needed.
6. Construction materials.
  - a. None used or needed; the soil in place above the Mancos Shale will make a good road surface.
7. Waste disposal.
  - a. Cuttings; waste pit as shown on site layout.  
Drilling fluids; waste pit.  
Sewage; self-contained trailer  
Garbage and waste; removed in plastic bags, buried under 2' of fill.
8. Ancillary facilities.
  - a. Trailer and dog house, only.
9. Well site layout.
  - a. See plat drawing for location of facilities.  
Drill pad will be 400' x 400'.  
Pits are to be unlined.
10. Restoration of surface.
  - a. Back-filling; leveling.  
Revegetation.  
Pits filled, covered and leveled.  
Oil removed.
  - b. If well is completed, we will install needed facilities and then restore.  
If well is a dry hole, we will restore immediately before leaving area.
11. Other information.
  - a. Topography; see attached map. A stream bed trends E/W about 400' south of the location. No effluence will reach stream bed.
  - b. Surface formation is the Castlegate Member of the Price River Formation, a hard, fine grained yellow-gray calcareous thin-bedded siltstone and sandstone.
  - c. Other surface use; mainly oil and gas.
  - d. No occupied dwellings, archeological, historical or cultural sites this location.

12. Operator's representative.

Driller - Ross Jacobs

405 West Mayfield

Grand Junction, Colorado

(303) 243-9685

Operator - Burton W. Hancock

1799 Hamilton Avenue

San Jose, California 95125

(408) 264-3114

13. Certification

I hereby certify that I, or ~~my~~ persons under my direct supervision, have inspected the proposed drillsite and access ~~road~~ route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Burton W. Hancock and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved

Nov 5, 1976  
Date

Burton W. Hancock operator & lessee  
Name & Title



Conservation Division, U.S.G.S.  
November 5, 1976

Supplement to Form 9-331 C  
(in compliance with NTL-6)

1. Surface formation:  
Mancos Shale
2. Estimated tops:

Dakota Silt	3400'
Upper Dakota Sandstone	3500'
Lower Dakota Sandstone	3530'
Cedar Mountain Formation	3580'
Morrison Formation	3610'
3. Estimated depths:

Water - none	
Oil - not expected	
Gas - Lower Dakota Sandstone	3530' to 3580'
Cedar Mountain Formation	3580' to 3610'
Brushy Basin Member, Morrison Formation	3675' to 3690'
4. Proposed casing program:  
See Form 9-331 C; new casing
5. Operator's minimum specifications, pressure control equipment:  
Blow-out equipment will be used.
  - (1) Regan B.O.P., 3000 P.S.I. (Hyd. closing unit); tested to 1000 P.S.I. after cement job on surface casing.
  - (2) Jacob's rotating head above B.O.P.
  - (3) Full shut-off gate valve on well and exhaust lineTesting frequency - daily.
6. Proposed circulating medium:  
Air drilled. If mud needed, 920.
7. Auxiliary equipment:
  - (1) Kelly cocks
  - (2) Floats at the bit and string float.
  - (3) A sub on the floor with a full opening valve to be stabbed into drill pipe when the Kelly is not in the string.
8. Testing, logging and coring:

No cores or drill stem tests.  
An induction electrical (IES) log and a compensated formation density (FDC) log are planned.

9. Abnormal pressures, temperatures or potential hazards:

None expected; no hydrogen sulfide gases.

We have drilled another well in this section, and other producing wells in this field, and have had no problems we could not handle with our equipment and experience.

10. Anticipated starting date:

As soon as approval is received; we must start drilling on or before November 30; lease expires on December 1, 1976.

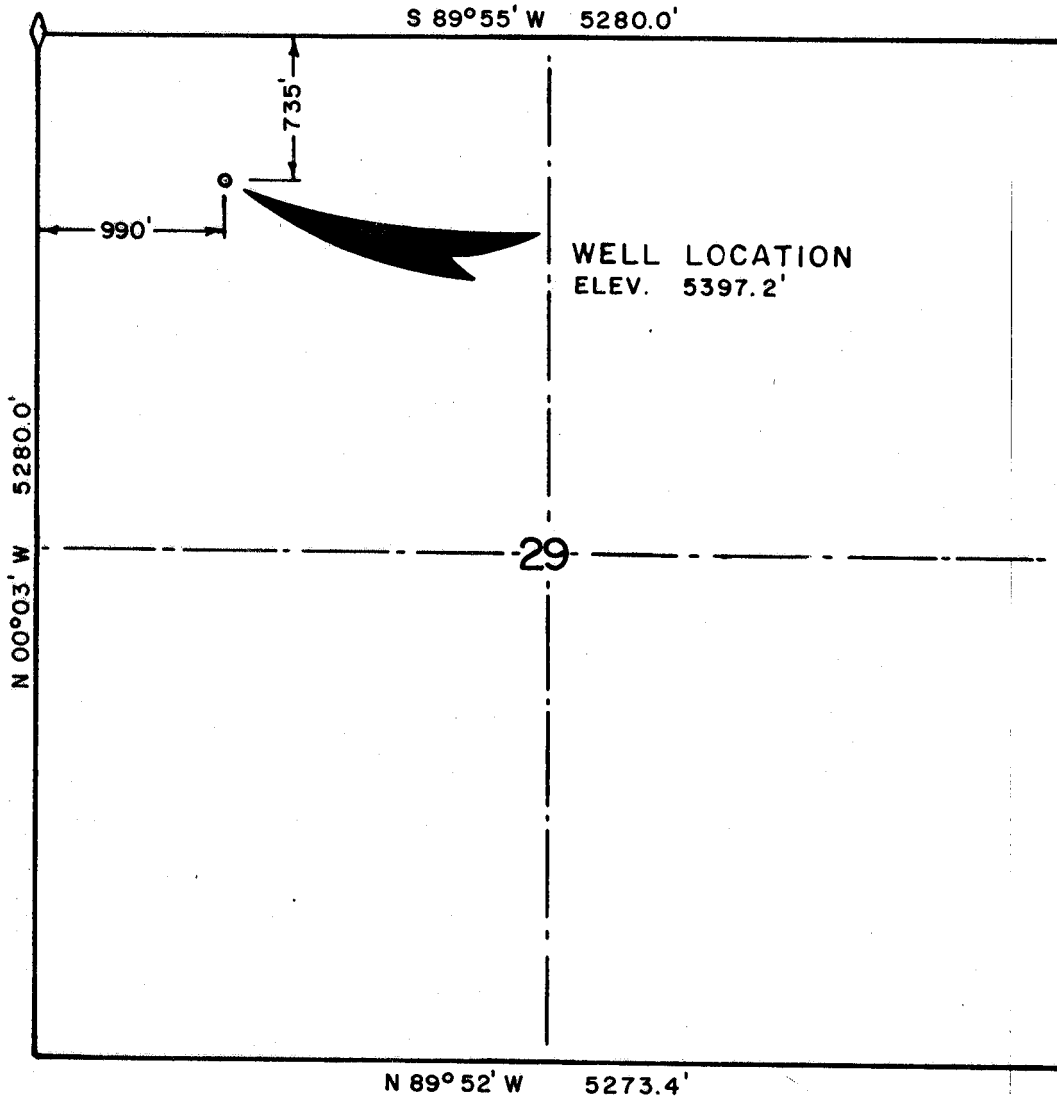
We anticipate completion by December 15, 1976.

# WELL LOCATION

735 FT. S.N.L. — 990 FT. E.W.L.

SECTION 29, T17S, R25E, S.L.B. & M.

GRAND COUNTY, UTAH



Scale 1" = 1000'

R.P.	100 FT. EAST	ELEV.	5400.0
R.P.	200 FT. EAST	ELEV.	5399.5
R.P.	50 FT. SOUTH	ELEV.	5396.8
R.P.	100 FT. WEST	ELEV.	5393.1
R.P.	75 FT. NORTH	ELEV.	5393.0

*Note:*

*operator has posted additional RP stakes 200' distant from proposed well site in each of these directions. B.W.B.*

I, David L. Bear do hereby certify that this plat was plotted from notes of a field survey made under my direct responsibility, supervision and checking on Nov. 4, 1976.

*David L. Bear*  
Registered Land Surveyor

WESTERN ENGINEERS, INC.  
WELL LOCATION

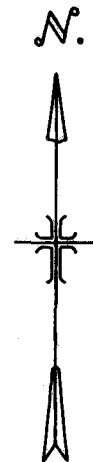
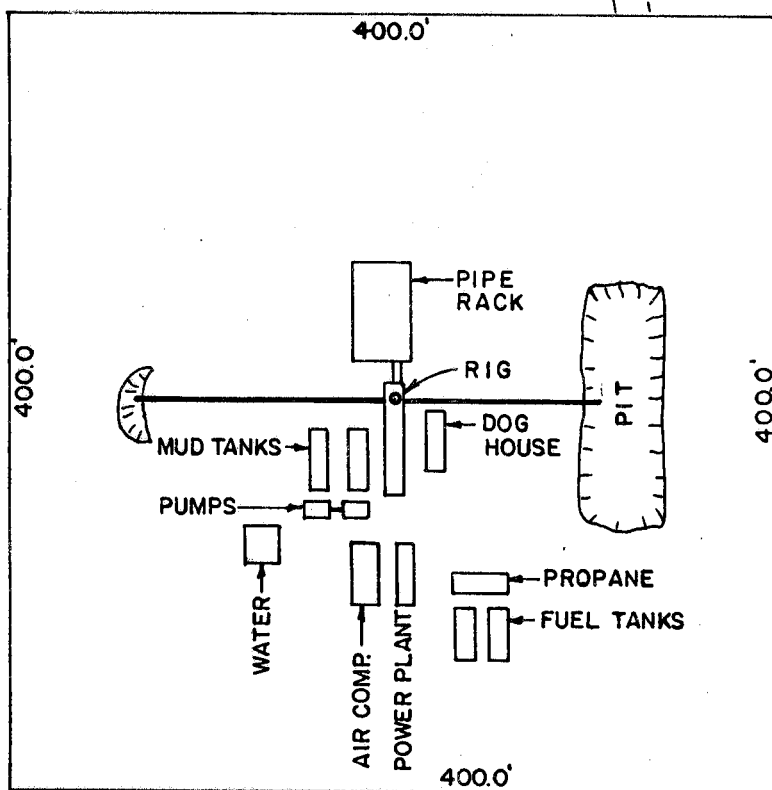
HANCOCK 60

GRAND COUNTY, UTAH

SURVEYED C.J.B. DRAWN R.W.Q.

GRAND JUNCTION, COLO. 11/5/76

PROPOSED ROAD



↙  
DRAIN TO  
SAN ARROYO WASH

SECTION 29,  
T 17 S R 25 E S.L.B. 8 M.

SCALE: 1" = 100'

WESTERN ENGINEERS, INC.

SITE LAYOUT

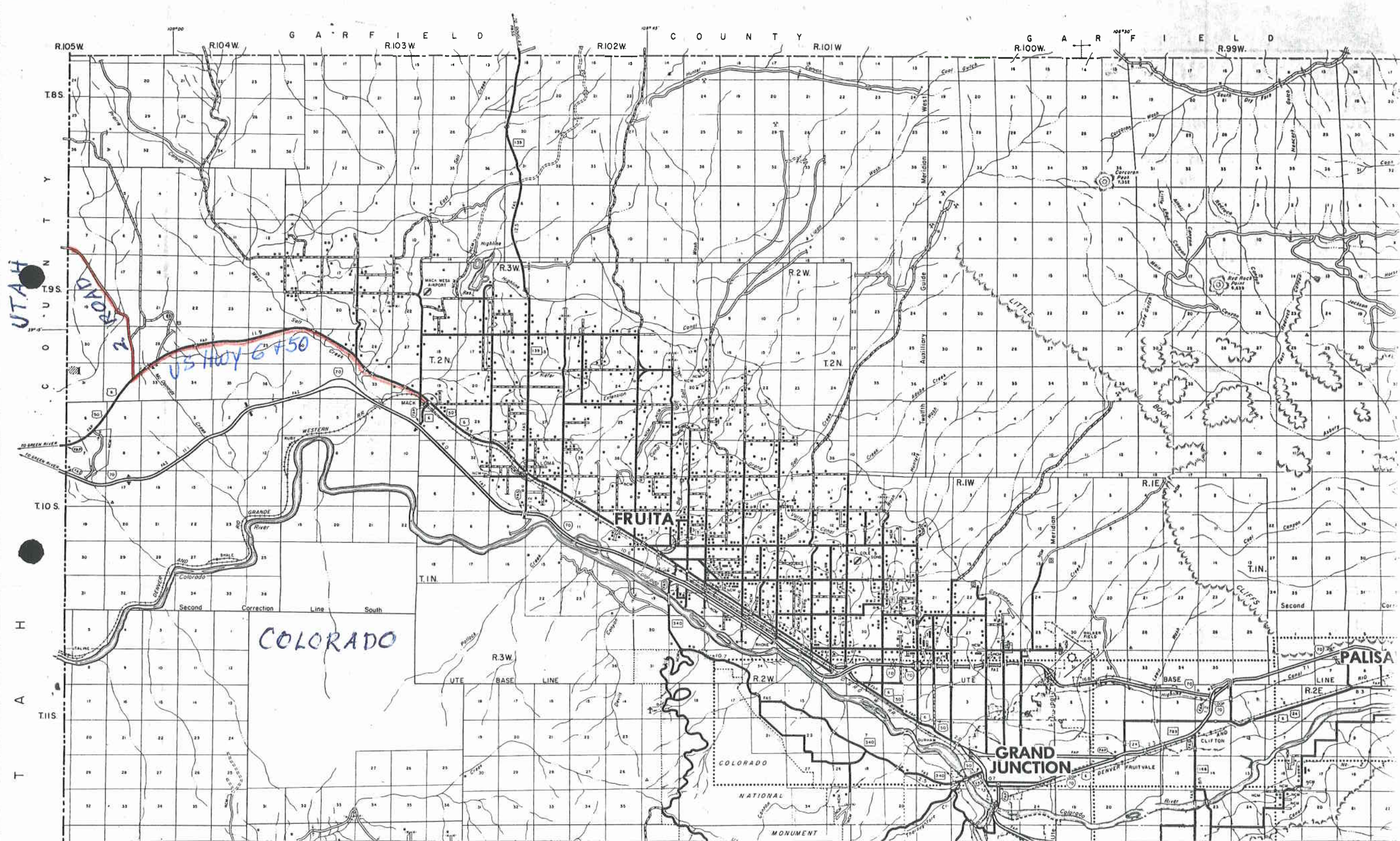
HANCOCK <sup>GOV'T #</sup> 60

GRAND COUNTY, UTAH

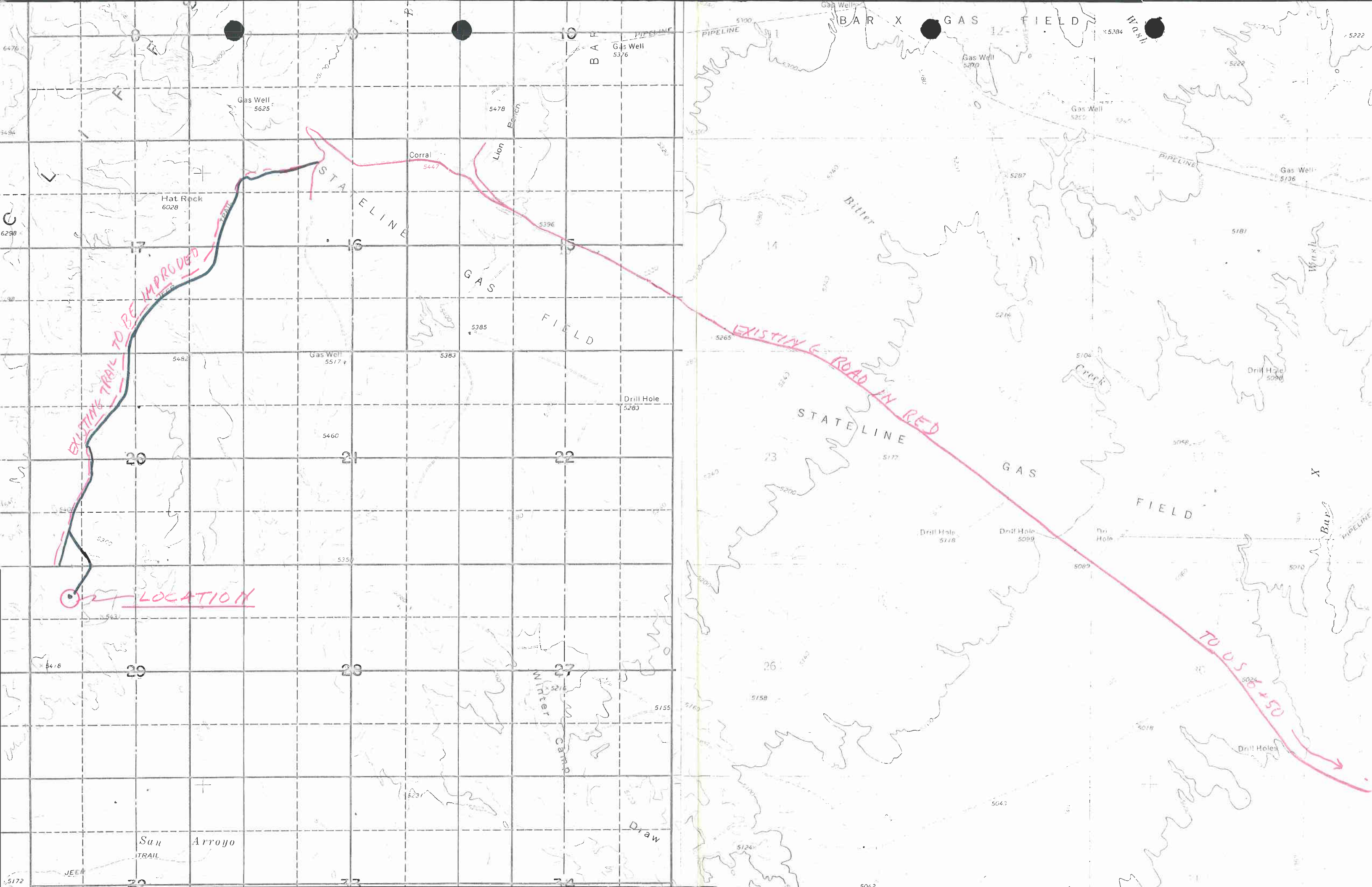
Surveyed \_\_\_\_\_ Drawn G.L.A.

Grand Junction, Colo. 11/9/76









EXISTING TRAIL TO BE IMPROVED

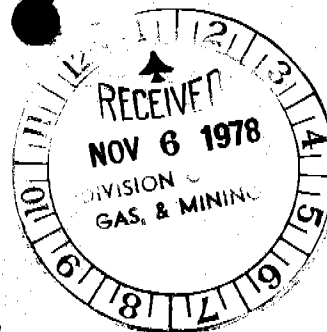
LOCATION X

EXISTING ROAD IN RED

TO U.S. 6 + 50



Conservation Division  
8440 Federal Building  
Salt Lake City, Utah 84138



November 3, 1978

Mr. Burton W. Hancock  
1799 Hamilton Avenue  
San Jose, California 95125



Re: Well No. Hancock Government 60,  
NE $\frac{1}{4}$  NE $\frac{1}{4}$  Sec. 30, T. 17S., R. 25E.,  
S.L.M., Grand County, Utah, Ex-  
pired Lease U-1531

Dear Mr. Hancock:

On October 21, 1977, the Interior Board of Land Appeals issued an order denying your petition for reconsideration of the decision rendered in IBLA 77-118, 30 IBLA 18 (1977) affirming that oil and gas leases U-1065 and U-1531 expired on November 30, 1976. Thus, all administrative remedies have been exhausted and we are unaware of any litigation having been commenced which would have a bearing on the terms of the leases. Therefore, approval of the Applications for Permit to Drill the referenced wells, which was granted on November 30, 1976, is hereby revoked.

Any surface disturbance associated with operations conducted at the well sites must be restored in accordance with the approved Surface Use Plan and in consultation with the Bureau of Land Management. Inasmuch as the leases have expired, any further contact concerning rehabilitation of the disturbed areas should be with the District Manager Bureau of Land Management, P.O. Box 970, Moab, Utah, 84532.

Sincerely yours,

E. W. Guynn  
District Engineer

bcc: Chief, Br. L & M, BLM, SLC  
Utah State OGM ✓  
BLM, Moab  
O & GS, NRMA, Casper (2)  
File (4) U-1065  
Well No. 60  
U-1531  
Well No. 56

GRD/mc